FTA Free To Air Receiver

User Manual

TOCOMSAT

High Definition Digital Satellite Receiver

duoHD

DVB-S2 HD

- DVB-S, DVB-S2, MPEG-2, MPEG-4, H.264
- 7 days EPG
- PVR function through USB 2.0
- Automatic time change
- HDMI
- Media player

Full HD 1080p · H.264 MPEG-4/AVC · Hi-Speed USB · DVB S2 · DiSEqC 1.2 · Stab - USALS Universal Satellites Automatic Location System · AVI · MKV · MP3 · MP4 · DV-OUT · 5000 Channel · Blind Scan

Contents

GENERAL INFORMATION 3

Main Features 3
For your Safety 4
Unpacking 5
General Operation 5
RCU 6
Front Panel 7
Rear Panel 7

INSTALLATION 8

Connecting to TV using RCA support 8
Connecting to Digital Amplifier 8

MENU INFORMATION 9

Main Menu 9
1. Edit Channel 10
1.1 TV Channel List 11
1.2 Radio Channel List 12
1.3 Delete All 13
2. Installation 13
2.1 Antenna Connection 13
2.2 Satellite List 13
2.3 Antenna Setup 14
2.4 Single Satellite Search 16
2.5 Multi Satellite Search 17
2.6 TP List 18
3. System Setup 19
3.1 Language.....19
3.2 TV System 20
3.3 Display Setting 20
3.4 Local Time Setting 20
3.5 Timer Setting 20
3.6 Parental Lock 21
3.7 OSD Setting 22
3.8 Favorite 22

Contents

3.9 Audio Descrption Setting 22
3.10 Other 22
4. Tools 23
4.1 Information 23
4.2 Factory Setting 23
4.3 Upgrade by USB 23
4.4 Media Player 24
4.5 Remove USB device safely 25
4.6 Network Local Setting 25
5. Game 25
6. REC 25
6.1 PVR Storage Information.....25
6.2 PVR Setting 26
7. Hot Key 26
7.1 Info 26
7.2 EPG 26
7.3 Find 27
7.4 Number 27
7.5 TV/RADIO 27
7.6 Up/Down (Channel Change) 27
7.7 Left/Righ (Volume+/-) 27
7.8 Mute 27
7.9 Pause 27
7.10 OK 28
7.11 Audio 28
7.12 Recall 28
7.13 FAV 28
7.14 Teletext 29
7.15 Zoom 29

Trouble Shooting 30

RCU Information 31

✚ A Digital Satellite Receiver is a convenient product that allows you to view a variety of programs provided through satellite. This user's guide covers the installation of the DSR and the necessary steps to implement various features. This also explains special features available only in this DSR in detail, which will allow you to make full use of these feature.

Information confirmed in this document is subject to change. We reserves the right, without notice, to make change in product design or performances as progress in engineering or technology.

Main Features

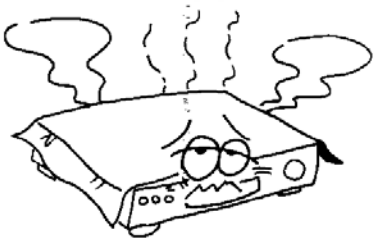
- MPEG4 HD with Twin tuner
- Smart Card Reader
- SCPC and MCPC receivable from C/Ku band satellite
- FULL HD 1080P
- 5000 channels TV and radio program-mable
- 8 different favorite groups selection
- Multi-language OSD
- Electronic Program Guide (EPG)
- Picture in Graphics(PIG) support
- 256 color On Screen Display
- Automatic network search for newly added transponders
- DiSEqC 1.2 fully support, 13/18V, 0/22K
- Various channel editing functions (favorite, moving, locking, renaming, deleting, and sorting)
- Parental control for channels
- Easy to use Menu System
- Timer Reservations, automatically switch to a specific channel
- Automatic save for last channel
- Channel list can be sorted by alphabetic A-Z, Scramble, Favorite, Lock, Sat
- Support FAT 12/FAT16/FAT32/NTFS
- Software update by USB
- JPEG viewer
- MEDIA PLAYER
- MP3, OGG support
- AVI, MKV MP4 support

For your Safety

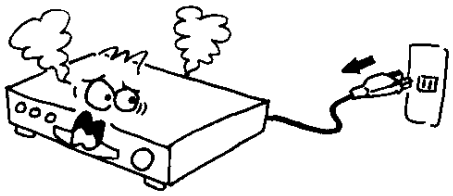
1. To avoid electric-shock hazards, do not open the cabinet, refer servicing to qualified personnel only.

2.Keep the receiver away from flower vases, tubs, sinks, etc., in order to avoid damaging the equipment.

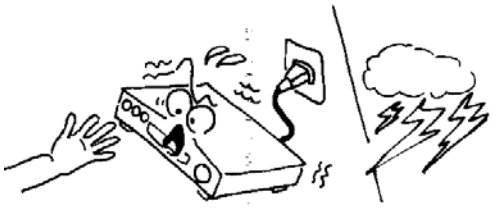
3. Do not expose the receiver un-der the sunlight. And keep it away from the heat source.



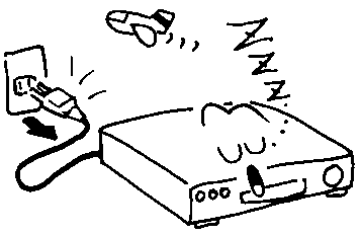
4. Do not block ventilation holes of the Receiver so that air can circulate freely.



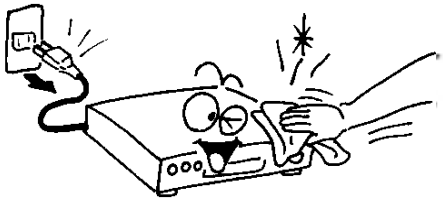
5.When the abnormal phenomenon occur, you should cut off the power immediately.



6. Do not touch the receiver during thunder, since that might create electric-shock hazards.



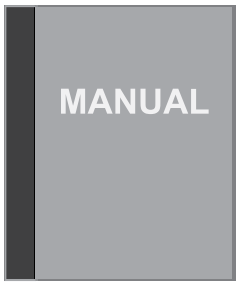
7. Switch the receiver off whenever it remains out of service for an extended period.



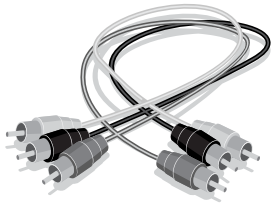
8. Be sure to turn the Receiver off and disconnect the AC power cord before cleaning the Receiver surface. If the surface is dirty, wipe clean with a cloth which has been dipped in a weak soap-andwater solution and wrung out thoroughly, and then wipe again with a dry cloth.

Unpacking

Remote Control



Guide



Audio / Video cable

General Operation

1. Throughout this manual you will notice that the everyday operation of the receiver is based on a series of user friendly on screen display and menus. These menus will help you get the most from your receiver, guiding you through installation, channel organizing, viewing and many other functions.

2. All functions can be carried out using the buttons on the RCU, and some of the functions can also be carried out using the buttons on the front panel.

3. The receiver is easy to use, always at your command and adaptable for future advances.

4. Please be aware that new software may change the functionality of the receiver.

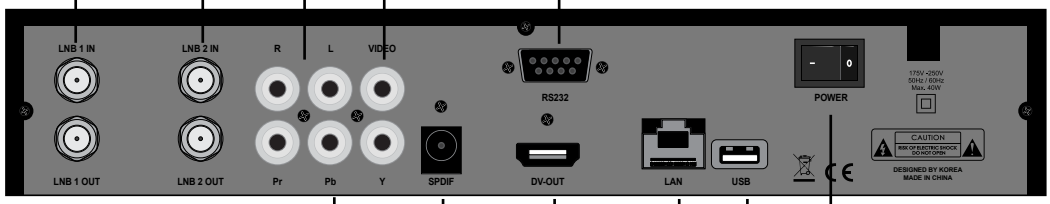
5. Should you experience any difficulties with the operation of your receiver, please consult the relevant section of this manual, including the Problem Shooting, or alternatively call your dealer or a customer service adviser.

RCU

key	Function
⏻	Turns power ON/OFF of the DSR
🔇	When watching a channel, mute the sound
TV/VCR/DVD/STB	Press each button to changes the mode of RCU
0~9	Enter number of the required menu item or select a channel number to watch
TV / RADIO	Switches between TV and Radio mode
RECALL	Switches back to previous channel
FIND	Display the Find window
V-Format	Select Video resolution
EPG	Call up the EPG (Electronic Program Guide)
AUDIO	Display the Audio window.
OK, LIST	Executes the selected item in the menu screen or enters the desired value in any input mode
MENU	Press this key one time to run menu on screen
INFO	Show information of the current channel
EXIT	Return to the previous menu on the menu screen or escape from the menu
🔉 🔊	When watching a channel, adjust the volume or move to the left or right item in the menu
PAGE+,PAGE-	Moves up / down a page in the list
PR+,PR-	When watching a channel, change channels or move to the next higher or lower item in the menu
◀◀ ▶▶	Press to fast Forward or fast backward
▶, ■	Play and stop the program
❚❚	Press once to pause the screen picture, press once again to go to the normal mode
RECORD	Record the program
SAT	Display the satellite list.
TV / AV	Switch between TV and AV modes
ZOOM	Enter into the zoom in mode
SLEEP	Enter into the sleep in mode
FAV	Displays the favorite group list
TXT	Display teletex
SUB TITLE	Display subtitle

Front Panel

Rear Panel



LNB 1 IN : CONNECT TO SATELLITE ANTENNA

LNB 1 OUT : CONNECT TO THE OTHER RECEIVER

LNB 2 IN : CONNECT TO SATELLITE ANTENNA

LNB 2 OUT : CONNECT TO THE OTHER RECEIVER

CONNECT TO AUDIO R/L TO TV OR AUDIO TUNER

CONNECT TVIDEO TO TV USING RCA JACK

CONNECT TO APC FOR S/W UPGRADE

POWER ON/OFF

CONNECT TO USB FOR S/W UPGRADE OR PVR FUNCTION

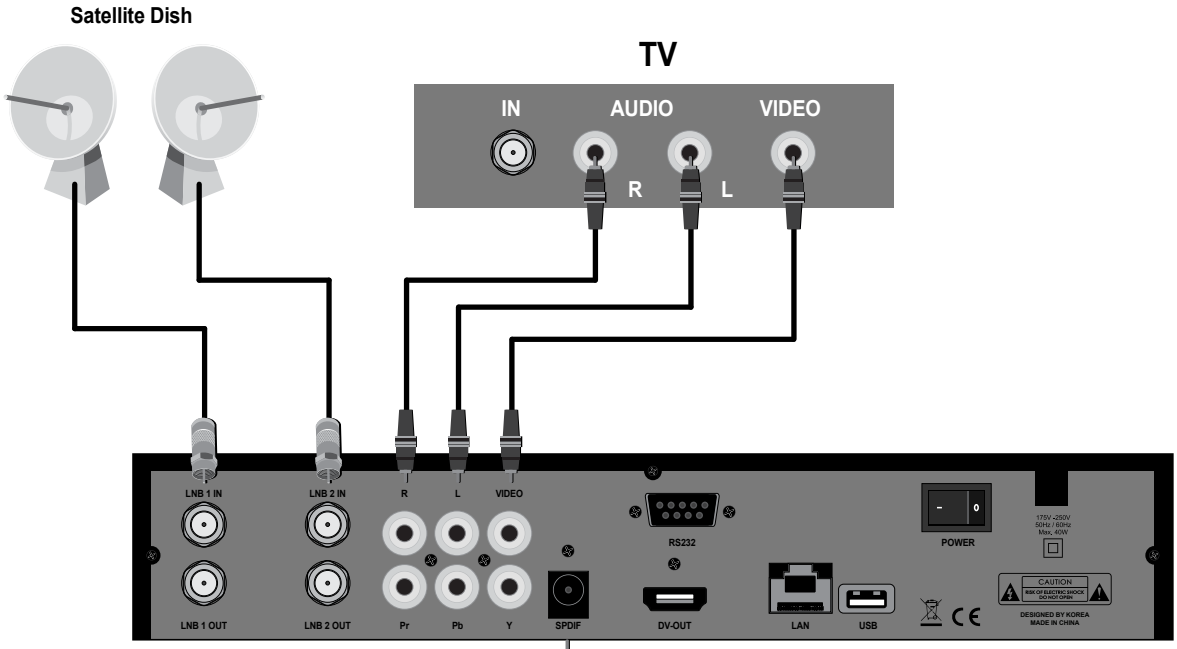
CONNECT TO THE INTERNET

CONNECT TO FOR DIGITAL A/V

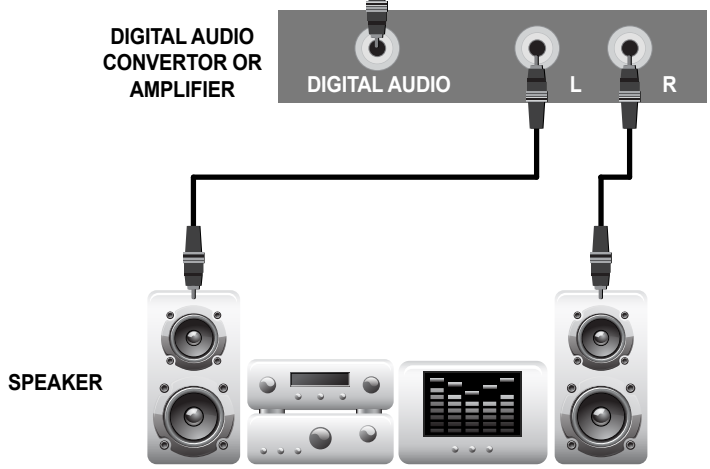
CONNECT TO A DIGITAL AMPLIFIER

CONNECT Y / Pb / Pr TO TV USING 3RCA JACK

Connecting to TV using RCA support



Connecting to Digital Amplifier



Main Menu

✚ Make sure that you have properly installed and connected the cables of the receiver.
If the receiver is the factory status or there is no program list, when power on, the Main Menu window will be displayed on the screen.
During the normal TV/Radio mode, press **MENU** key on the RCU to enter into the **Main Menu** window.

✚ This menu consists of 6 major main menus as follow.
- Edit Channel
- Installation
- System Setup
- Tools
- Game
- REC

✚ During the installation the **OK** key confirms a selection and **LIST** key shows Down List Box if the column has 34 mark. You can also use the numeric keys on the RCU to enter numeric value.
Use the **PR+, PR-** key to move upwards and downwards from one line to another line and use ◅ ▻ key to move from main menu to sub menu and move from left side to right side or versa.
Meantime, you want to escape the menu system, please press **MENU** or **EXIT** key on the RCU.

✚ If there is no program, you can not exit from the **Main Menu** window by pressing **MENU** or **EXIT** key. System will inform "No channel" and the following items turn grey.

Sub-menu	Turn grey when there is no program	
Channel List	• TV Channel List • Radio Channel List • Delete all	
Installation	• Antenna Connection • Antenna Setup • Multi Satellite Search	• Satellite List • Single Satellite Search • TP List
System	• Language • Local Time Setting • Parental Lock • Favorite • Display Setting	• TV System • Timer Setting • OSD Setting • Audio Description setting • Other
Tools	• Information • Upgrade by USB • Remove USB devicesafely	• Factory Setting • Media Player • Network Local Setting
Game	• Othello / Sudoku	
REC	• PVR Storage information • PVR Setting	

1. Edit channel

1. Press **OK** key or ⊿± key to pop up the "Input Password" dialogue, you can not enter into the menu unless the correct password is inputted. The default password is "**0000**".

2. Press **PR+, PR-** keys to move the cursor up or down.

3. Press **EXIT** key or key to move the focus to the left menu.

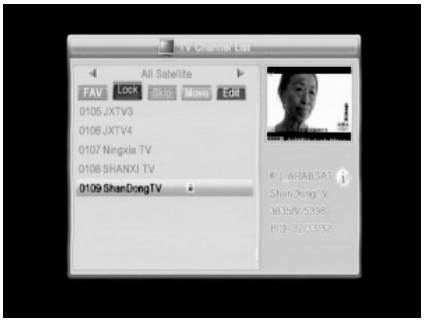
1.1 TV Channel List

1. Press ⊿± ⊿± keys to select satellite.

2. Press **PR+, PR-** keys to select the program that you want to play, and then press **OK** key to view it in the small window. If move the **YELLOW** cursor to select up or down, you will see a gray line which indicates the playing program in the small window.

3. Press **FAV** key to move the FAV button upward.
Select the program and press **OK** key to pop up the favourite group list. In the list, select the group that you want to add into and press **OK** key, and then you will find the favourite mark is displayed at the right side of the selected program.
Press **FAV** key again to exit from the fav mode, and you will find the FAV button return to the origin position.

4. Press **RED** colour key to move the Lock button upward. Select the program and press **OK** key to mark this program with the Lock mark. You can cancel this mark by pressing **OK** key once more.
Press **RED** colour key again to exit from the lock mode, and you will find the Lock button return to the origin position.



5. Press **GREEN** colour key to move the Skip button upward. Select the program and press **OK** key to mark this program with the skip mark. You can cancel this mark by pressing **OK** key once more.
Press **GREEN** colour key again to exit from the skip mode, and you will find the Skip button return to the origin position.

6. Press **YELLOW** colour key to move the Move button upward. Select the program and press **OK** key to mark this program with the move mark.
Press **PR+, PR-** keys to move the cursor to the position where you want to locate and press **OK** key to confirm.
Press **YELLOW** colour key again to exit from the yellow mode, and you will find the yellow button return to the origin position.

7. Press **BLUE** colour key to enter into the **Edit channel** window.

i . Sort (RED colour key)

Press RED colour key to pop up the Sort drop-down list.

Name(A-Z) : The ascending order, omitting the $ character, the number is ahead, then the capital letter, at last the lower-case.

Name (Z-A) : The opposite order of the above Name (A-Z).

Free/Scramble : All FTA programs are listed ahead, while all scrambled programs are listed last.

Lock : all locked programs are listed at the last.

Default

ii. Edit (GREEN colour key)

Press **GREEN** colour key to move the Edit button upward. Select the program and press **OK** key to pop up the **Rename** window.

In **Rename** window, press **RED** colour key to switch between capital letter and lower letter; press **GREEN** colour key to delete the character on the cursor; press ◅ ▻ keys to move the cursor left or right; press **numeric keys (0-9)** to input the character, please refer to the down table. Press **YELLOW** colour key to save and exit, or press **BLUE** key to cancel and exit.

Numeric keys	Press numeric key repeatedly, display in circle
1	.,*?!@1
2	ABC2
3	DEF3
4	GHI4
5	JKL5
6	MNO6
7	PQRS7
8	TUV8
9	WXYZ9
0	[space]_-0

✚ If the name is empty, system will pop up a dialogue informing "Name" once **YELLOW** colour key is pressed. Press **OK** key to close this dialogue.

iii. Delete (BLUE colour key)

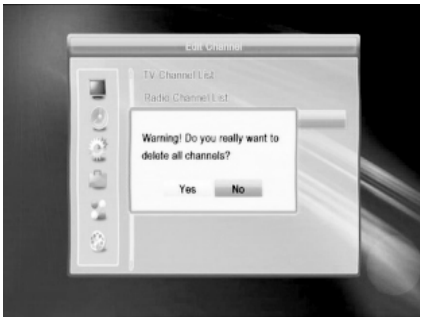
In **Delete** window, press **BLUE** colour key to move the Delete button upward. Select the program and press **OK** key to mark this program with the deletion mark. You can cancel this mark by pressing **OK** key again.

Press **EXIT** key to pop up the dialogue "Are you sure to save?". Select Yes button and press **OK** key to save, or select NO button and press **OK** key to exit without saving.

1.2 Radio Channel List

Sine the same operation as **1.1 TV Channel List**, here we don't explain any more.

1.3 Delete All



Move cursor to the **Delete All** item, and press **OK** Key to pop up the dialogue "Warning! Do you really want to delete all channel?".
Press **EXIT** key to pop up the dialogue "Are you sure to save?". Select Yes button and press **OK** key to save, or select NO button and press **OK** key to exit without saving.

2. Installation

1. Press **OK** key or ▷± key to pop up the "Input Password" dialogue, you can not enter into the menu unless the correct password is inputted. The default password is "0000".

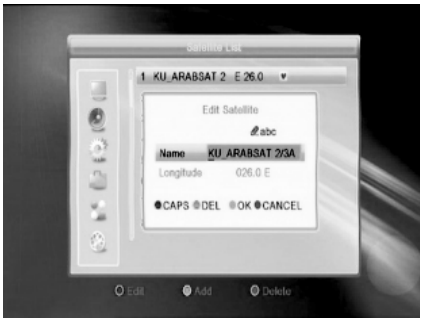
2. Press **PR+, PR-** keys to move the cursor up or down.

3. Press **EXIT** key or ◁ key to move the focus to the left menu.

2.1 Antenna Connection

Press ◁ ▷± keys to select between Motor Antenna and Fixed Antenna.

2.2 Satellite List



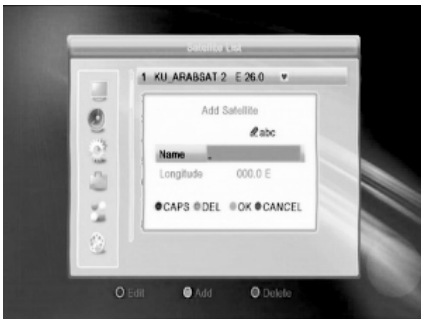
1. Press **PR+, PR-** keys to select the satellite up or down. Press **OK** key to select and mark, and you can press **OK** key again to cancel the selection and the mark.

2. If there is no satellite, the **RED** colour and **BLUE** colour keys will be invalid.

3. Press **RED** colour key to pop up the **Edit Satellite** window. Press **PR+, PR-** keys to move cursor up or down.
Name : User numeric keys to change the name of the satellite, please refer to the **Edit Channel** Name.

Longitude : You can press ⊿ ⊾ keys to switch between east longitude and west longitude. After pressing **OK** key, you can use numeric keys to edit the longitude, press **EXIT** key or the **PR+, PR-** keys to exit editing mode. The range of the longitude is from 1to 180 degree. If beyond this range, system will inform you "out of range" when you press **YELLOW** colour key on the RCU.
After setting, press **YELLOW** colour key to save and exit, while press **BLUE** colour key to exit without saving.

4. Press **GREEN** colour key to pop up the **Add** Satellite window. Since the same operation as the above **Edit Satellite** window, here we don't explain any more.



5. Press **BLUE** colour key to pop up the dialogue "Are you sure to delete?". Select Yes button and press **OK** key to delete the selected satellite. You can cancel this operation by pressing **OK** key at the NO button.

2.3 Antenna Setup

Part A : Fixed

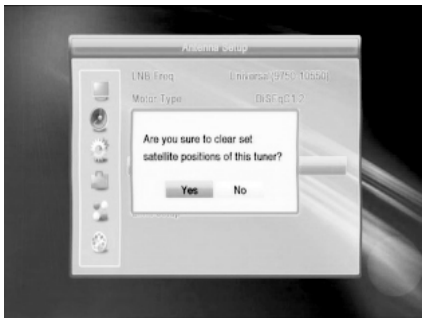
Suppose that you have selected Fixed Antenna in the **Antenna Connection** window.

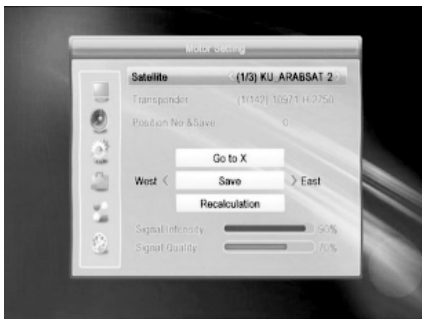
1. Satellite : All selected satellites in the satellite list are displayed in this item.
Press ⊿ ⊾ keys to select the satellite in circle. Or press **OK** key to pop up the drop-down list, then select the desired satellite in the list and press **OK** key to confirm.

2. LNB Freq, Transponder, DiSEqC1.0, DiSEqC1.1 : The same operation as the above.

3. 22K, Polarity : You can press ⊿ ⊾ keys to select in circle.

Part B : Motor





Suppose that you have selected Moter Antenna in the **Antenna Connection** window.

1. LNB Type : Select the proper LNB type.

2. Motor Type : Select between DiSEqC1.2 and USALS. If you select DiSEqC1.2, the following Local Longitude and Local Latitude items will turn grey.

3. Delete All : Press **OK** key to pop up the dialogue "Are you sure to clear set satellite position of this tuner?". Press **OK** key at the Yes button to clear all the memories about the position of the satellites that are connected to the tuner.

4. Motor Setting : Press **OK** key to the **Motor** Setting window.
Satellite : Press ◅ ▻ keys to select the satellite in circle. Or press **OK** key to pop up the drop-down list, then select the desired satellite in the list and press **OK** key to confirm.
Transponder : The same operation as the above.

Position No., & Save : The range is from 0 to 63. "0" delegates the original position.
You can select the proper value when you has rotated the antenna.
Go to X : Press **OK** key to pop up the drop-down list, select the proper position (reference or from 1to 63) to realize the selected position.
West <Save> East : Press ◅ key to turn west, while press ▻ key to turn east. Press **OK** key to pop up the dialogue "Are you sure to change this satellite's position?". Press **OK** key at the Yes button to save the current position, or press **OK** key at the No button to cancel the operation.
Recalculation : Press **OK** key to pop up the dialogue "Are you sure to change this satellite's position?". Press **OK** key at the Yes button to recalculation.

5. Limit Setup : Press **OK** key to pop up the **Limit Setup** window.
Limit Setup : Press ◅▻ keys to switch among Disable Limit, East Limit and West Limit.
Limit Setup : Move cursor to the Limit Setup button. You can press ◅ key to turn west , or press ▻ key to turn east.
Go to Reference : Press **OK** key to go to reference.
If you select Disable Limit in the above Limit Setup item, this button will turn grey.

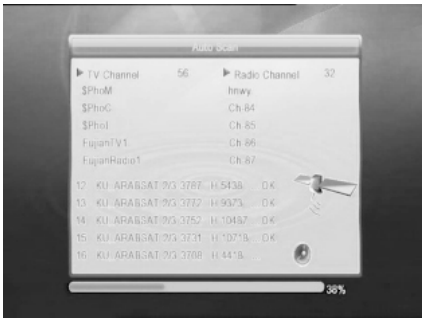
6. If select USALS, Delete All item will turn grey.
Local Longitude, Local Latitude: Press ◅▻ keys to switch between
West and East, or press ◅ ▻ keys to switch between North and South.
Press **OK** key to enter into the editing mode. Use **numeric keys (0-9)** to input the longitude or latitude, press **MENU** key or **EXIT** key to exit. The range of the longitude is from 0 to 180, while the range of the latitude is from 0 to 90. If the inputted value is not in this range, system will pop up a dialogue "Out of Range" when you exit from this window. You can press the **OK** key to close this dialogue.

7. Motor Setting : Press **OK** key to enter into the **Motor setting** window.
Satellite, Transponder : Press ◅ ▻ keys to select satellite or transponder, or press **OK** key to pop up the drop-down list and select in the list.

2.4 Single Satellite Search

1. Satellite : Press ◅ ▻ keys to select the satellite in circle. Or press **OK** key to pop up the drop-down list, then select the desired satellite in the list and press **OK** key to confirm.

2. FTA Only : Press ◅▻ keys to select between Yes and No.



3. Scan Channel : Press ⊿ ⊾ keys to select among TV+Radio, TV Channel, Radio.

4. Network Search : Select between No and Yes. This item turns grey when Auto Scan is selected in the following Scan mode item.

5. Scan Mode : Press ⊿ ⊾ keys to select between Auto Scan and Preset Scan. Auto Scan is Blind scan, while Preset Scan is to search the preset frequencies.

6. Search : Press **OK** key to start searching.

2.5 Multi Satellite Search

From the **Multi Satellite Search** window, you can search several satellites at the one time.

1. Satellite : All selected satellites in the satellite list window are displayed on the down part. You can press ⊿ ⊾ keys to switch among them.

2. FTA Only : Press ⊿ ⊾ keys to select between Yes and No.

3. Scan Channel : Press ⊿ ⊾ keys to select among TV+Radio, TV Channel, Radio.

4. Network Search : Select between No and Yes. This item turns grey when Auto Scan is selected in the following Scan mode item.

5. Scan Mode : Press ⊿ ⊾ keys to select between Auto Scan and Preset Scan. Auto Scan is Blind scan, while Preset Scan is to search the preset frequencies.

6. Search : Press **OK** key to start searching.

2.6 TP List

1. Press **PR+,PR-** keys to select the proper satellite.

2. Press **RED** colour key to pop up the **Edit TP** window.

Frequency, Symbol rate : Press ⊿⊾ keys to add or reduce by step one. Or press **numeric keys (0-9)** to input the desired value. The range of the frequency is 3000-13450, while the range of the symbol rate is 1000~45000. The inputted value is beyond this range, the value will return to the origin value.
Polarity : Press ⊿⊾ keys to switch between Vertical and Horizontal.

3. Press **GREEN** colour key to pop up the **Add TP** window. Since the same operation as the above **Edit TP** window, here we don't explain any more.

4. Press **YELLOW** colour key to pop up dialogue " Are you sure to delete?". Press **OK** key at the Yes button to delete the selected TP, or press **EXIT** key to cancel the operation.

5. Press **BLUE** colour key to pop up the **TP Search** window.
FTA only, Scan Channel, Network Search : Press ⊿⊾ keys to select the proper option.
Press **OK** key at the **OK** button to start searching.

3. System Setup

1. Press **OK** key or ⊿± key to move the cursor to the right menu.

2. Press **PR+, PR-** keys to move the cursor up or down.

3. Press **EXIT** key or ⊿ key to move the focus to the left menu.

3.1 Language

1. Press **OK** key to enter into the **Language** window.
Press ⊿± keys to select the language in circle, while press **PR+, PR-** keys to move the cursor up or down in circle.

2. Press **MENU** key or **EXIT** key to save and exit.

3. The types of the language, pleaser refer to the configuration of the customer.

3.2 TV System

Press **PR+, PR-** key to move the cursor up or down, while press ⊿± keys to change the setting and the setting will take effect immediately.

1. Video Resolution : Select among 480i, 576i,480p,576p, 720p and 1080i, 1080p.

2. Aspect Mode : Select among 4:3 Letter Box, 4:3 PanScan, 16:9 and Auto.

3. Video Output : Select between RGB and YUV.

4. Digital Audio Out : Select among LPCM Out and BS OUT.

3.3 Display Setting

1. Brightness : Press ◅ ▻ key to select from 0-100.

2. Contrast : Press ◅ ▻ key to select from 0-100.

3. Saturation : Press ◅ ▻ key to select from 0-100.

4. Hue : Press ◅ ▻ key to select from 0-100.

5. Sharpmess : Press ◅ ▻ key to select from 0-9

3.4 Local Time Setting

1. Summer Time : Select between ON and OFF.
"OFF" delegates the normal time. If select ON, time will add one hour.

2. GMT Offset : When select "ON" in GMT Usage item, system will get the date and time information from the screen automatically. Date and Time two items will turn grey. Select the proper option in the GMT Offset item. Thedefault setting is GMT ON.

3. Date, Time : When select "OFF" in GMT Usage, Date and Time two items take effect, while GMT Usage turns grey. Use numeric keys to input the desired value.5.
After setting, press **MENU** key or **EXIT** key to exit and save. If the value is invalid, system will inform "Invalid input! Continue to edit?". Press **OK** key at the Yes button to continue the modification, or press **OK** key at the No button to exit without saving.

3.5 Timer Setting

If there is no program, you can not enter into this window. There are 8 timers that can be set. Select Timer up or down, and press **OK** key to enter into the setting window.

1. Timer mode : The default mode is off. You can set the timer once, daily, weekly, monthly and yearly.

2. Timer Service : Select between Channel and Message.
If Channel is selected, the Wakeup Channel is displayed in the following item. If Message is selected, the Wakeup Message is displayed in the following item. In wakeup message, you can select among Birthday, Anniversary, General. At the same time the duration item turns grey.

3. Wakeup Date, On Time : Use numeric keys to input the valid date.
Duration : Set the gap time. After waking up, system will power off automatically after the duration time.
Press **MENU** or **EXIT** key to save and exit.

3.6 Parental Lock

Before entering into the **Parental Lock** window, you need input the correct password. The default password is **0000**.

1. Menu Lock : Press ◅ ▻ keys to select between Off and On. If select "On" , you can not enter into the window before entering the password.

2. Channel Lock : Press ◅ ▻ keys to select between Off and On. The default value is Off.
If select "On", you can not view the locked channel set in **Chanel List Edit** window until you have inputted the correct password.

3. New Password : User **numeric key (0-9)** to input the new password.

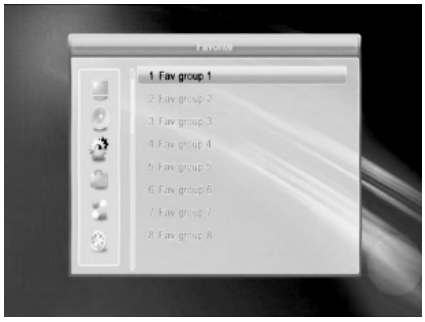
4. Confirm Password : Input the new password once again. Confirm password must be the same as the New password. System will inform you “Change password successfully!” while they are the same, or inform you to input the password of Confirm password once again when they are not the same.

3.7 OSD Setting

1. OSD Timeout : Press ◅ ▻ keys to select from 1 to 10 by step1. The default values Is 5.

2. OSD Transparency : Press ◅ ▻ keys to select among Off, 10%, 20%, 30%, 40%. The default option is Off.
Press **MENU** or **EXIT** key to save and exit.

3.8 Favorite



There are 32 favorites group listed in this window. Press **PR+, PR-** keys to select one and press **OK** key to the **Rename** window.
Since the same operation as the above the **Add Satellite** window, here we don't explain any more.

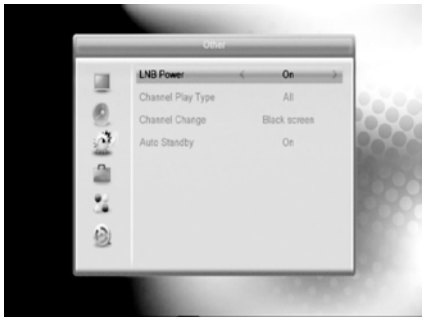
3.9 Audio Description Setting

When you input to “Favorite” menu, you will see a screen like below :
1. AD service : Enable/Disable AD function.

2. Use AD as default : Show AD information by enable AD mode when play AD stream.

3. AD Volume Offset : Adjust AD vol. -3~3

3.10 Other



1. **LNB Power** : Select between Off and On.

2. **Channel Play Type** : Select among All, Free, Scramble.

3. Channel change Select between Black screen or Freeze

4. Auto standby Select on/off

4. Tools

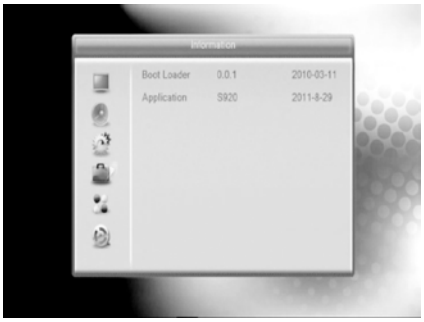
1. Press **OK** key or key to pop up the "Input Password" dialogue, you can not enter into the menu unless the correct password is inputted.
The default password is **0000**.

2. Press **PR+, PR-** keys to move the cursor up or down.

3. Press **EXIT** key or key to move the focus to the left menu.

4.1 Information

Press **OK** key to the Information window.



4.2 Factory Setting

Press **OK** key to enter into the **Factory Setting** window.
Select Yes button and press **OK** key to return to the factory setting. All searched channels and set information will be erased.
Select No button and press **OK** key to cancel this operation, or press **MENU** or **EXIT** key to cancel and exit.

4.3 Upgade by USB

1. Upgrade File : Show the Upgrade File.

2. Upgrade Mode : Select between All Code and Dump. When users switch the upgrade mode, “Upgrade File” will show the corresponding file according to the table below:

Upgrade Mode	File feature
All code :	File named as “*.bin”

Select the upgrade mode and upgrade file, then you can start upgrade by USB.

3. Press **OK** key on start bitton to start receiving the data from USB device.
When the USB device is not connected, this item is grey, you can not edit it now.

4.4 Media Player

This menu will be disabled when no USB device is plugged. Media Play List will not be saved when USB plug out or standby or power off.
Move scroll bar when press up/down key, page up or down by page key. Go into sub-directory when press **OK** key in the file directory, play the selected file when scroll bar is on the file, automatic return USB menu after play is over.

Color key operation :
1.**GREEN** key : Press **GREEN** key to add the favorite symbol on your selected files, and put the file selected by scroll bar to play list .
2.**YELLOW** Key : Press **YELLOW** key to add all the image and music files to the play list .
3.**RED** Key : Show the Play List.
4.**BLUE** Key : Press **BLUE** key to enter the edit window.

Function key :
1.Press **TV/AV** (Sort) to pop up a window. In this window you can know name, size, time and favorite.
2.Press **ZOON** (A-B) to select the repeat mode.
3.Press **SAT** (Swap) to change among Video, image, music and Record window.

- **RED key** : Press **RED** key to enter the rename window, you can rename the file by press **number 0-9** on RCU.
- **GREEN key** : Press **GREEN** key to enter the copy window, press key to select the place you want to copy to, and press **GREEN** key to begin copying.
- **YELLOW key** : Press **YELLOW** key to add the delete symbol on your selected file, press **YELLOW** key again the symbol will disappeared. Press **OK** key on the file with delete symbol, it will pop up a dialogue: " Are you sure to delete ?" Select YES to delete and select NO to quit without delete the file. and press **EXIT** key to quit without delete the file.
- **BLUE key** : Press **BLUE** key to enter the New Folder window, you can press **number 0-9** to edit.

4.5 Remove USB device safely

Press **OK** on this item it will pop up a dialogue:"You can safely remove USB device now!", then you can move your USB device safely.

4.6 Network Local Setting

DHCP: Select between ON and OFF, when it ON, the IP Address, Subnet Mask and Gateway item will turn gray, you can not edit them.

Press **number 0-9** the input the address.

5. Game

1. Press **OK** key or ▷± key to enter into the game.

2. Press **PR+, PR-** keys to move the cursor up or down.

3. Press **EXIT** key or ◁ key to move the focus to the left menu.

4. Select the game that you want to play and press **OK** key to enter into the window.

6. REC

6.1 PVR Storage Information

Press **OK** key Storage Info item to know the information about the USB device.

6.2 PVR Setting

1.Timeshift : Select between Off and On.

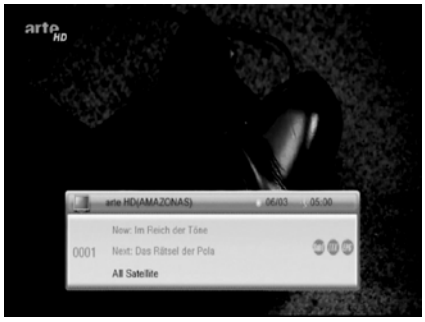
2. Jump : Select among 30sec, 1min, 5min, 10min and 30min.

3. Timeshift to Record : Select between On and off.

4. PS Record : Select between Off and On.

7. Hot Key

7.1 Info



Press **INFO** key to pop up the Info bar.

Press **INFO** key again to pop up the program guide of the current program. You can press ⧎ keys to know the program guide of the future 16 days.

7.2 EPG

Press **EPG** key to enter into the EPG window.

1. Press **PR+, PR-**, ⧎ keys to select up or down, left or right.

2. Press **RED** colour key to pop up the Time Bar window. Press **PR+, PR-** keys to select up or down, while press ⧎ keys to select left or right in the time bar.

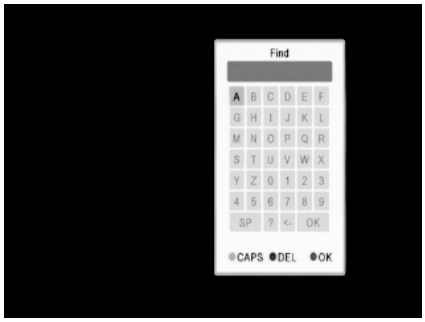
(◀) : Press **OK** key at this button to return to the EPG window.
(▲) : Press **OK** key at this button to move the cursor to the current time line.
◀▶ : Press **OK** key to push the time forward or backward by half an hour.
◀◀ ▶▶ : Press **OK** key to push the time forward or backward by half an hour.
⏮ ⏭ : Press **OK** key to push the time forward or backward by a day.

3. Detail Information : In the **EPG** window, press **PR+, PR-** keys to select the channel and program, and press **INFO** key to know the detail information of the current program.

4. Press **GREEN** colour key to enter into the **Timer** window. You can add the current program to the Timer. If 8 timers are already yet, system will inform you "Timer is full!'.

7.3 Find

Press **FIND** key on to pop up the **FIND** window. Use numeric keys to enter into the character and use the colour keys to realized the corresponding operation.



7.4 Number

Use the **numeric keys (0-9)** to input the number of the desired channel. If the inputted number is beyond the valid channel number, system will "No such a channel" and press **OK** key to close this message.

7.5 TV/RADIO

In normal mode, press **TV/RADIO** key to switch between TV mode and Radio mode.

7.6 Up/Down (Channel Change)

Press **PR+, PR-** keys to change the channel up or down. If in the all satellites group, you can select channel in all searched channels. If in the specific satellite, only can select channel in the satellite group.

7.7 Left/Righ (Volume+/-)

Press keys to change the volume. Press keys to decrease the volume, while press keys to increase the volume.

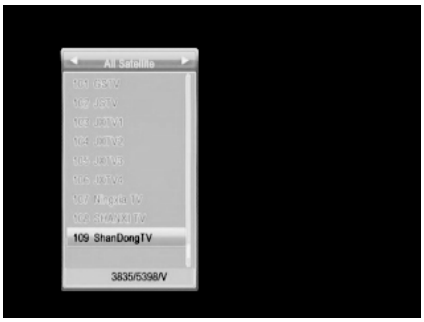
7.8 Mute

Press key to turn off the volume. You can press key once again to restore the volume, or press keys to increase the volume.

7.9 Pause

During the viewing, you can press **PAUSE** key to stop the picture while the volume continues. You can play the picture by pressing **PAUSE** key once again

7.10 OK



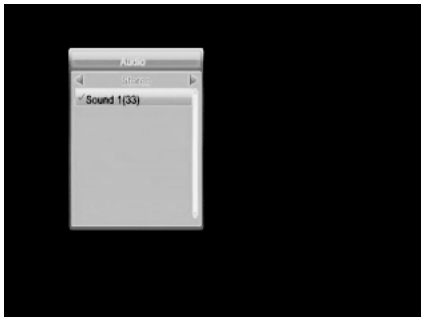
1. During the viewing or listening, press **OK** key to pop up the TV program list or the Radio program list.

2. Press **PR+, PR-** keys to select the channel up or down, and then press **OK** key to play this channel in full-screen.

3. Press ▱ ▱ keys to select the satellite.

4. Press **MENU** or **EXIT** key to close this window.

7.11 Audio



1. Press ◁R keys to enter into the Audio window.

2. Press ▱ ▱ keys to select among Left, Right, Stereo, and Mono.

3. Changing the audio mode is only connected with the current channel, not all the channels.

4. Press **MENU** or **EXIT** key to close this window.

7.12 Recall

Press **RECALL** key to switch the current channel to the previous channel.

7.13 FAV

1. Press **FAV** key to pop up the favourite group window.

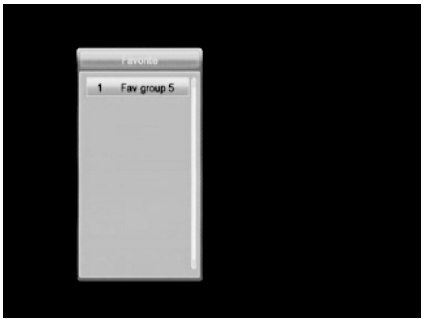
2. Press ▱ ▱ keys to select the favorite group.
Press **PR+, PR-** keys to select the channel up or down. Press **OK** key at the selected channel to view it in full-screen. Press **MENU** or **EXIT** key to exit.

3. If there is no favorite channel, system will inform " No FAV Channel!" when you press **FAV** key.

7.14 Teletext

Press TXT key to open the teletext on the screen. If there is no teletext, system will inform "No Teletext Data". Press **EXIT** key to exit.

7.15 Zoom



1. Press **ZOOM** key to switch among Zoom*1, Zoom*2, Zoom*3, Zoom*4, Zoom*5, Zoom*6, Zoom*8, Zoom*12, Zoom*16.

2. In zoom mode, press **PR+, PR-** keys to move the cursor up, left, right, down.

3. Press **MENU** or **EXIT** key to exit

7.16 Subtitle

Press the **Subtitle** key to display Subtitle

Problem	Possible causes	What to do
The display on the front panel does not light up.	• Main cable is not connected.	• Check that the main cable is plugged into the power socket.
No sound or picture, but the front panel shows red light.	• The receiver is in standby mode.	• Press the standby button.
No sound or picture.	• The satellite dish is not pointing at the satellite. • No signal or weak signal.	• Adjust the dish. Check the signal level in the Antenna Setup menu. • Check the cable connections, LNB and other equipment connected between the LNB and the receiver, or adjust the dish.
Bad picture / blocking error.	• The satellite dish is not pointing at the satellite. • Signal is too strong. • Satellite dish is too small. • LNB noise factor too high. • The LNB is faulty.	• Adjust the dish. • Connect a signal attenuator to the LNB input. • Change to a larger dish. • Change to an LNB with lower noise factor. • Change the LNB.
The RCU is not working.	• Battery exhausted. • RCU is incorrectly aimed.	• Change the batteries. • Aim RCU at the , or check that nothing blocks the front panel.

✚ Note

If you have tried all of the actions suggested above, without solving the problem, please contact your dealer or service provider.

Programing The Remote Control

There are two ways to program the remote control ; Automatic Code Search or Direct Entry

Using Automatic Code Search

1. Turn on the component you want to control (TV, VCR or DVD)
2. Press and hold the component key you want to program.
   Holding the component key until the LED on the remote control turns on, then release the key.
3. Point the remote at the component, press and release the UP (▲) button, then wait three seconds or until the LED stops flashing.
   At this point the remote control is searching for the correct code to program. If, after three seconds, the component you want to control does not turn off, press and release UP (▲) button again to tell the remote to search the next set of codes.
4. If the component you want to control does turn off; Press and release OK button , then the LED blinks three times.

Using Direct Entry Method

1. Turn on the component you want to control (TV, VCR or DVD)
2. Locate the enclosed Code List. Find your brand of the component you want to control.
3. Press and hold the component key you want to program. Holding the component key until the LED on the remote control turns on, then release the key.
4. Enter 3-digit code from the code list, then the LED blinks three times.
5. If you get no response, repeat these steps using the next code listed for your brand until the component responds to the remote control command.

Changing Volume Lock

Locking the volume controls to a single device makes it easier to control volume, without having to guess whether the volume will change. If you lock the remote's volume controls to the TV , you will always be able to change the volume to the level you want, without having to adjust it on multiple devices.

If you want to lock the volume for the STB component ;

1. Press and hold the STB component key until the LED on the remote control turns on.
2. Enter 3-digit code, 9 9 9 .
3. Press and release the STB component key, then the LED blinks three times.

Unlocking volume control ;

If you want to unlock the volume for the STB component ;

1. Press and hold the STB component key until the LED on the remote control turns on.
2. Enter 3-digit code, 9 9 9 .
3. Press and release the STB component key, then the LED blinks three times.